

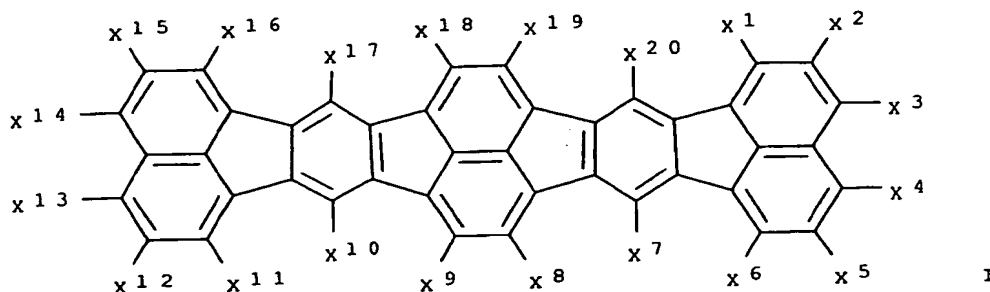
XP-002307436

AN - 131:108752 CA  
 ED - Entered STN: 14 Aug 1999  
 TI - Organic electroluminescent devices  
 IN - Nakatsuka, Masakatsu; Kitamoto, Noriko  
 PA - Mitsui Chemicals Inc., Japan  
 SO - Jpn. Kokai Tokkyo Koho, 17 pp.  
 CODEN: JKXXAF  
 DT - Patent  
 LA - Japanese  
 IC - ICM H05B033-14  
 ICS C09K011-06; H05B033-22  
 CC - 73-11 (Optical, Electron, and Mass Spectroscopy and Other Related Properties)  
 Section cross-reference(s): 22

FAN.CNT 1	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN -	JP11176573	A2	19990702	JP 1997-340335	19971210
				JP 1997-340335	19971210

CLASS	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
	JP 11176573	ICM	H05B033-14
		ICS	C09K011-06; H05B033-22

OS - MARPAT 131:108752  
 GI



AB The devices comprise at least one component which includes acenaphtho-[1,2-k]-naphtho-[1',8':5,6,7]-s-indaceno-[1,2,3-cd]-\*\*\*fluoranthene\*\*\* I (X1-20 = H, halo, (linear, branched, ring) alkyl, (linear, branched, ring) alkoxy, (substituted) aryl, COOR [R = H, (linear, branched or ring) alkyl, (substituted) aryl, (substituted) aralkyl]).

ST org \*\*\*electroluminescent\*\*\* \*\*\*fluoranthene\*\*\* phosphor device

IT 1450-63-1, 1,1,4,4-Tetraphenyl-1,3-butadiene 2085-33-8,

Tris(8-quinolinolato)aluminum 7439-95-4, Magnesium, uses  
 7440-22-4, Silver, uses 24601-13-6 25067-59-8 50926-11-9, ITO  
 51325-91-8, DCM 1 65181-78-4 124729-98-2 138372-67-5  
 146162-54-1 150405-69-9 \*\*\*230632-64-1\*\*\* \*\*\*230632-65-2\*\*\*  
 \*\*\*230632-66-3\*\*\* \*\*\*230632-67-4\*\*\* \*\*\*230632-68-5\*\*\*  
 \*\*\*230632-69-6\*\*\* \*\*\*230632-70-9\*\*\* \*\*\*230632-71-0\*\*\*  
 \*\*\*230632-72-1\*\*\* \*\*\*230632-73-2\*\*\* \*\*\*230632-74-3\*\*\*  
 \*\*\*230632-75-4\*\*\* \*\*\*230632-76-5\*\*\* \*\*\*230632-77-6\*\*\*  
 \*\*\*230632-78-7\*\*\* \*\*\*230632-79-8\*\*\* \*\*\*230632-80-1\*\*\*  
 \*\*\*230632-81-2\*\*\*

RL: DEV (Device component use); USES (Uses)

(org. \*\*\*electroluminescent\*\*\* \*\*\*fluoranthene\*\*\*  
 phosphor devices)

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